TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention

METHOD FOR DETERMINING SONDE ERROR FOR AN INDUCTION OR PROPAGATION TOOL WITH TRANSVERSE OR TRIAXIAL ARRAYS

Application Number:

Date:

First Named Applicant:

THOMAS D. BARBER

Confirmation Number:

Attorney Docket Number: 20.2891

We hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

We, the undersigned, certify that We have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) We intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted By:	Elec. Sign.	Sign. Capacity
BRIGITTE L. JEFFERY	BRIGITTE L	Attorney
Registered Number: 38925	JEFFERY	
JENNIE (JL) SALAZAR	JENNIE (JL)	Attorney
Registered Number: 45065	SALAZAR	
VICTOR H. SEGURA	VICTOR H.	Attorney
Registered Number: 44329	SEGURA	
KEVIN P. MCENANEY	KEVIN P.	Attorney
Registered Number: 46258	MCENANEY	

us-ids SUBMIT2891-usidst.xml us-ds.dd us-ids.xsl us-assignment SUBMIT2891-usassyn.xml us-assignment.xsl us-assignment.xsl us-request 202891a1.til constant 202891a2.til us-request dd us-request.dd us-request xsl Us-esheet.xsl us-fee-sheet SUBMIT2891-usrlees.xml us-declaration 202891d1.til us-declaration 202891d2.til	Documents being submitted:	Files	
us-ids.dtd us-ids.xsl us-ids.xsl us-assignment SUBMIT2891-usassn.xml us-assignment.xsl us-assignment.tdt 202891a1.tif 202891a2.tif 202891a2.tif us-request SUBMIT2891-usrequ.xml us-request.dtd us-request.xsl us-fee-sheet.xsl us-fee-sheet.xsl us-fee-sheet.xsl us-fee-sheet.tdd 202891d1.tif us-declaration 202891d1.tif us-declaration 202891d2.tif us-declaration 202891d2.tif us-declaration 202891d2.tif us-declaration 202891d2.tif us-declaration 202891d2.tif us-declaration-body xsl application-body xsl application-body xsl application-body ctd wipo ent mathmi2.chd mathmi2.chd mathmi2.chame-1.mod isoamse.ent isoams	uo ido	SURMIT2801-ucidet yml	·
us-assignment SUBMITZ891-usassn.xml us-assignment.xsl us-assignment.xsl us-assignment.dtd 202891 at. tif 202891 at. tif 202891 at. tif us-request SUBMITZ891-usrequ.xml us-request.xsl us-request.xsl us-fee-sheet SUBMITZ891-tusfees.xml us-declaration 202891 dt. tif us-decl	us-ius		
us-assignment us-assignment.xsl us-assignment.dtd 202891a1.tif 202891a2.tif 202891a2.tif 202891a2.tif 202891a2.tif 202891a2.tif 202891a2.tif us-request.dtd us-request.dtd us-request.xsl us-fee-sheet SUBMIT2891-usfces.xml us-fee-sheet.xsl us-fee-sheet.xsl us-fee-sheet.xsl us-declaration 202891d2.tif us-declaration 202891d3.tif			
us-assignment.dtd 202891 a2.tif	ue accianment		
Us-assignment.dtd 202891 at.lif	us-assigninent		
202891a1.tif 202891a2.tif 202891a2.tif 202891a2.tif 202891a2.tif 202891a2.tif 202891a2.tif 202891d2.tif 202891d2.tif 202891d3.tif 2028		-	
202891 a2 tif SUBMIT2891-usrequ.xml us-request dtd us-request xsl us-fee-sheet SUBMIT2891-usreqs.xml us-fee-sheet xsl us-fee-sheet xsl us-fee-sheet xsl us-fee-sheet dtd us-fee-sheet		_	
us-request us-request.dtd us-request.xsl us-fee-sheet SUBMIT2891-usfees.xml us-fee-sheet.xsl us-fee-sheet.dtd us-declaration 202891d2.tif us-declaration 202891d3.tif pocument2-trans.xml us-application-body Document2-trans.xml us-application-body.xsl application-body dtd wipo ent mathmt2.dtd mathmt2-qname-1.mod isoamsc.ent isoatch.ent			
us-fee-sheet us-fee-sheet SUBMIT2891-us-fees.xml us-fee-sheet xsl us-fee-	ue request		
us-fee-sheet SUBMIT2891-usfees.xml us-fee-sheet xsl us-fee-sheet xsl us-fee-sheet xtd 202891d1.tif us-declaration 202891d3.tif us-declaration-body Document2-trans.xml us-application-body.xsl application-body.xsl application-body.dtd wipo. ent mathmt2-dtd mathmt2-dtd mathmt2-qname-1.mod isoamsa.ent isoamsb.ent isoamsc.ent isoamsc.ent isoamsr.ent isoamsr.ent isomfrk.ent isompof.ent isomop.ent isobox.ent isobox.ent isocycl.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlalias.ent soextbix.dtd 202891e1.tif 202891e1.tif	us-request	·	
us-fee-sheet sUBMIT2891-usfees.xml us-fee-sheet xsl us-fee-sheet dtd us-declaration 202891d1.tif us-declaration 202891d2.tif us-declaration 202891d2.tif pocument2-trans.xml us-application-body.xsl application-body.xsl application-body.dtd wipo.ent mathmtl2.dtd mathmtl2.qtd mathmtl2-qname-1.mod isoamsa.ent isoamsc.ent isoamsc			
us-fee-sheet.xsl us-fee-sheet.dtd us-declaration 202891d2.tif us-declaration 202891d3.tif application-body Document2-trans.xml us-application-body.xsl application-body dtd wipo.ent mathmi2.dtd mathmi2.dtd mathmi2.ent isoams.ent isoars.ent isoars.ent isogrid.ent isomscr.ent isotech.ent isobox.ent isotex.ent isotex.en	us-foo-shoot	· · · · · · · · · · · · · · · · · · ·	
us-fee-sheet.dtd us-declaration 202891d2.tif us-declaration 202891d3.tif application-body Document2-trans.xml us-application-body.xsl application-body.xsl application-body.dtd wipo.ent mathmi2.dtd mathmi2-qname-1.mod isoamsa.ent isoamsa.ent isoams.ent isoamsn.ent isoamsr.ent isoamsr.ent isomfrk.ent isomofrent isomscr.ent isoexcr.ent isotech ent isoexf.ent isocyr1.ent isocyr2.ent isodia.ent isolat ent isolat ent isopub ent mmlextra.ent mmlatas ent soextbk.dtd 202891e1.tif 202891e2.tif 1	us-166-51166t		
us-declaration			
us-declaration	ue-declaration		
us-declaration application-body Document2-trans.xml us-application-body.xsl application-body.dtd wipo.ent mathml2.qtd mathml2-qname-1.mod isoamsa.ent isoamsb.ent isoamsc.ent isoamsc.ent isoamsr.ent isoamsr.ent isoamsr.ent isoamsr.ent isoamsr.ent isoamsr.ent isoamsr.ent isoamsr.ent isompf.ent isompf.ent isomor.ent isomor.ent isotech.ent isobox ent isocyr1.ent isocyr2.ent isodia.ent isolat2.ent isolat2.ent isopub.ent mmlealias.ent soexblx.dtd 202891e1.tif			
application-body Document2-trans.xml us-application-body.xsl application-body.drd wipo.ent mathml2.drd mathml2-drame-1.mod isoamsa.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsr.ent isoamsr.ent isoamsr.ent isomfrk.ent isompef.ent isomsc.ent isotech.ent isotech.ent isotex.ent isotex			
us-application-body.xsl application-body.dtd wipo.ent mathml2.dtd mathml2-qname-1.mod isoamsa.ent isoamsb.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsr.ent isoamsr.ent isomfrk.ent isomfrk.ent isomfre.ent isomsc.ent isotech.ent isotech.ent isotyr1.ent isocyr2.ent isodla.ent isodla.ent isolat1.ent isolat2.ent immlextra.ent mmlalias.ent soextbk.dtd 202891e1.tif			
application-body dtd wipo.ent mathml2.dtd mathml2.dtd mathml2-qname-1.mod isoamsa.ent isoamsc.ent isoamso.ent isoamso.ent isoamso.ent isoamso.ent isoamso.ent isoamso.ent isoamso.ent isomfrk.ent isomfrk.ent isomopf.ent isomopf.ent isomosr.ent isotox.ent isotox.ent isotox.ent isotox.ent isocyr1.ent isotyr2.ent isod1.ent isola1.ent isola2.ent isola1.ent isola2.ent mmlaisa.ent mmlalias.ent ooxxblx.dtd 202891e1.tif	application-body		
wipo.ent mathml2.dtd mathml2-qname-1.mod isoamsa.ent isoamsb.ent isoamsc.ent isoamsn.ent isoamsr.ent isoamsr.ent isoamsr.ent isoamfk.ent isomfk.ent isomfc.ent isomscr.ent isobox.ent isobox.ent isocy1.ent isocy2.ent isoda1.ent isola11.ent isola12.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
mathml2.dtd mathml2-qname-1.mod isoamsa.ent isoamsb.ent isoamsb.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isomfrk.ent isompf.ent isompf.ent isomscr.ent isotech.ent isotech.ent isotyr1.ent isotyr1.ent isotyr2.ent isodia.ent isolal1.ent isolal2.ent isolaut.ent mmlextra.ent mmlextra.ent mmlextra.ent soextblx.dtd 202891e1.tif			
mathml2-qname-1.mod isoamsa.ent isoamsb.ent isoamsc.ent isoamsn.ent isoamsr.ent isoamsr.ent isoamsr.ent isoamsr.ent isomfrk.ent isompf.ent isomscr.ent isotech.ent isotech.ent isotyr1.ent isotyr2.ent isotla1.ent isola1.ent isola1.ent isolu1.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif		•	
isoamsa.ent isoamsb.ent isoamsc.ent isoamsn.ent isoamso.ent isoamso.ent isoamso.ent isoamso.ent isoamso.ent isoamso.ent isoamsr.ent isompf.ent isompf.ent isomscr.ent isotech.ent isobox.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isoamsb.ent isoamsc.ent isoamsn.ent isoamsn.ent isoamsn.ent isoamsr.ent isoamsr.ent isogrk3.ent isomfk.ent isomopf.ent isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias ent soextblx.dtd 202891e1.tif		•	
isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isoamsc.ent isompf.ent isompf.ent isomscr.ent isotech.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isoamsn.ent isoamso.ent isoamsr.ent isoamsr.ent isoamsr.ent isomfrk.ent isompf.ent isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isoamso.ent isoamsr.ent isogrk3.ent isomfrk.ent isomopf.ent isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isoamsr.ent isogrk3.ent isomfrk.ent isomopf.ent isomscr.ent isotech.ent isotech.ent isotyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isogrk3.ent isomopf.ent isomopf.ent isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isomfrk.ent isomopf.ent isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isocyr2.ent isodia.ent isodiat.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isomopf.ent isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif		_	
isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif		·	
isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif			
isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif		isocyr1.ent	
isodia.ent isolat1.ent isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif		•	
isolat2.ent isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif 202891e2.tif		•	
isonum.ent isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif 202891e2.tif		isolat1.ent	
isopub.ent mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif 202891e2.tif		isolat2.ent	
mmlextra.ent mmlalias.ent soextblx.dtd 202891e1.tif 202891e2.tif		isonum.ent	
mmlalias.ent soextblx.dtd 202891e1.tif 202891e2.tif		isopub.ent	
soextblx.dtd 202891e1.tif 202891e2.tif		mmlextra.ent	
202891e1.tif 202891e2.tif		mmlalias.ent	
202891e2.tif		soextblx.dtd	
		202891e1.tif	
202891f1.tif		202891e2.tif	
		202891f1.tif	
202891f2.tif		202891f2.tif	

	202891f3.tif	
	202891f4.tif	
	202891f5.tif	
	202891f6.tif	
	202891f7.tif	
	202891f8.tif	
	202891f9.tif	
	22891f10.tif	
Comments		